Abstract of the Disclosure:

A method and a circuit configuration monitor a mode of operation of one or more load circuits, especially of a domestic appliance, which contains a controlled semiconductor switch, such as a triac, and an electric consumer. The switches are supplied by at least one alternating voltage source that supplies an alternating voltage including positive and negative voltage half-waves. The currents flowing through all controlled semiconductor switches and the electric consumers are guided through a common low-impedance precision resistor. The respective voltage drop occurring over the low-impedance precision resistor is separately evaluated with respect to the amplitudes of the positive and negative voltage half-waves.